



“LAB 1”

COURSE:

CLOUD COMPUTING LAB

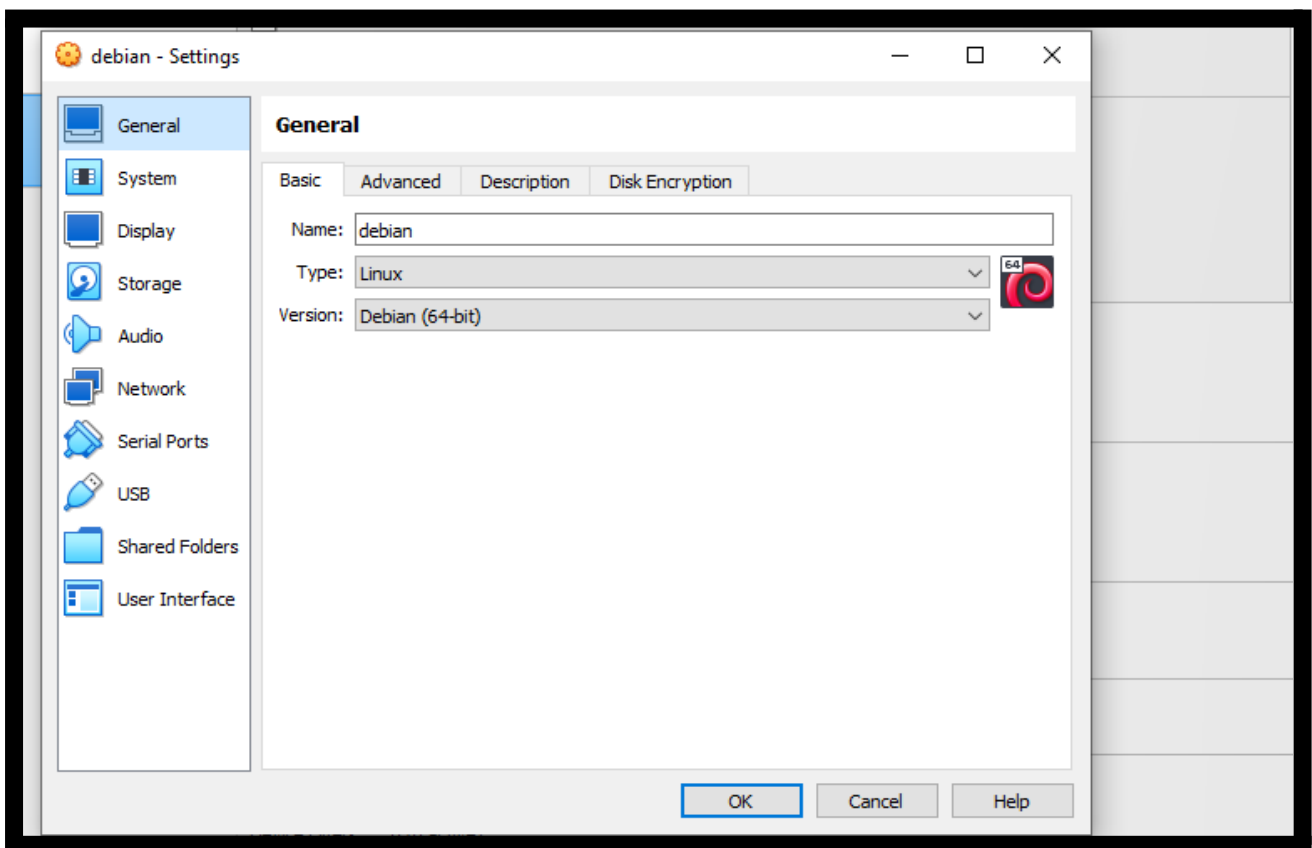
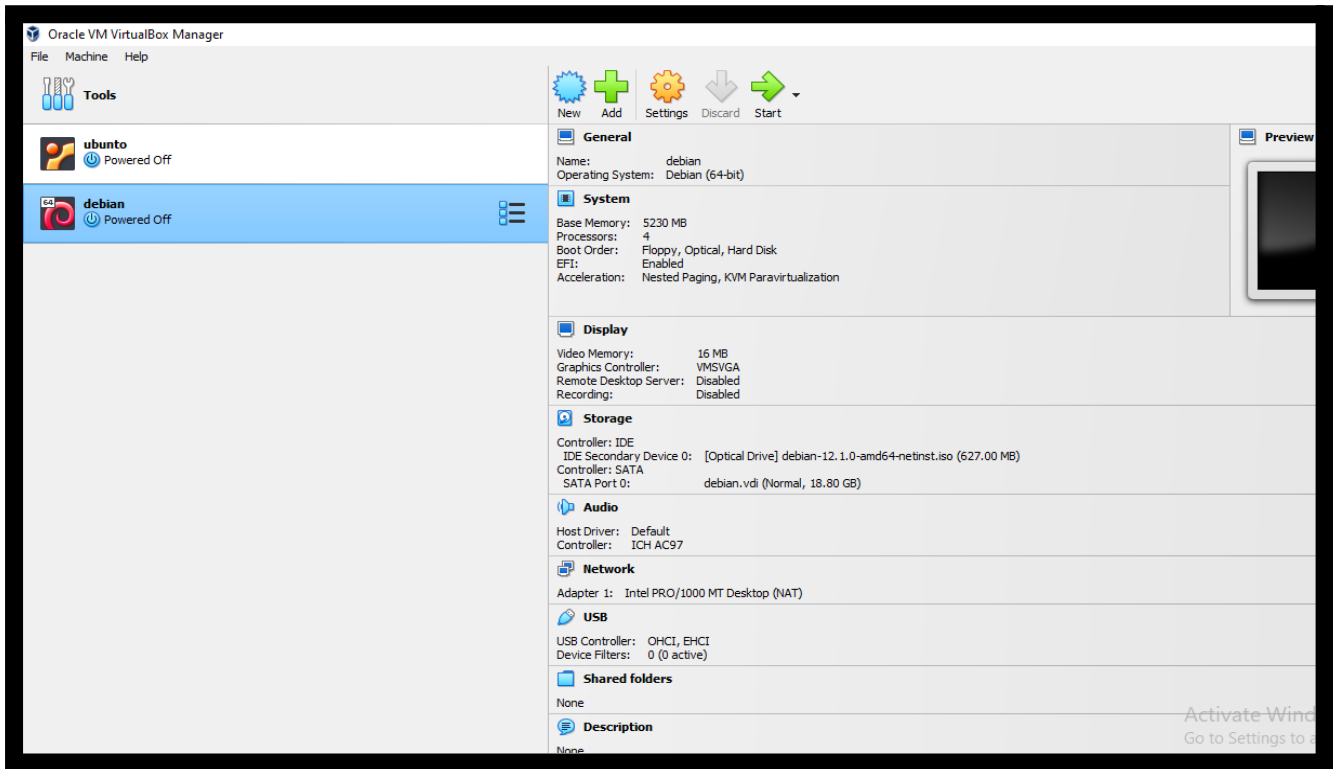
SUBMITTED TO:

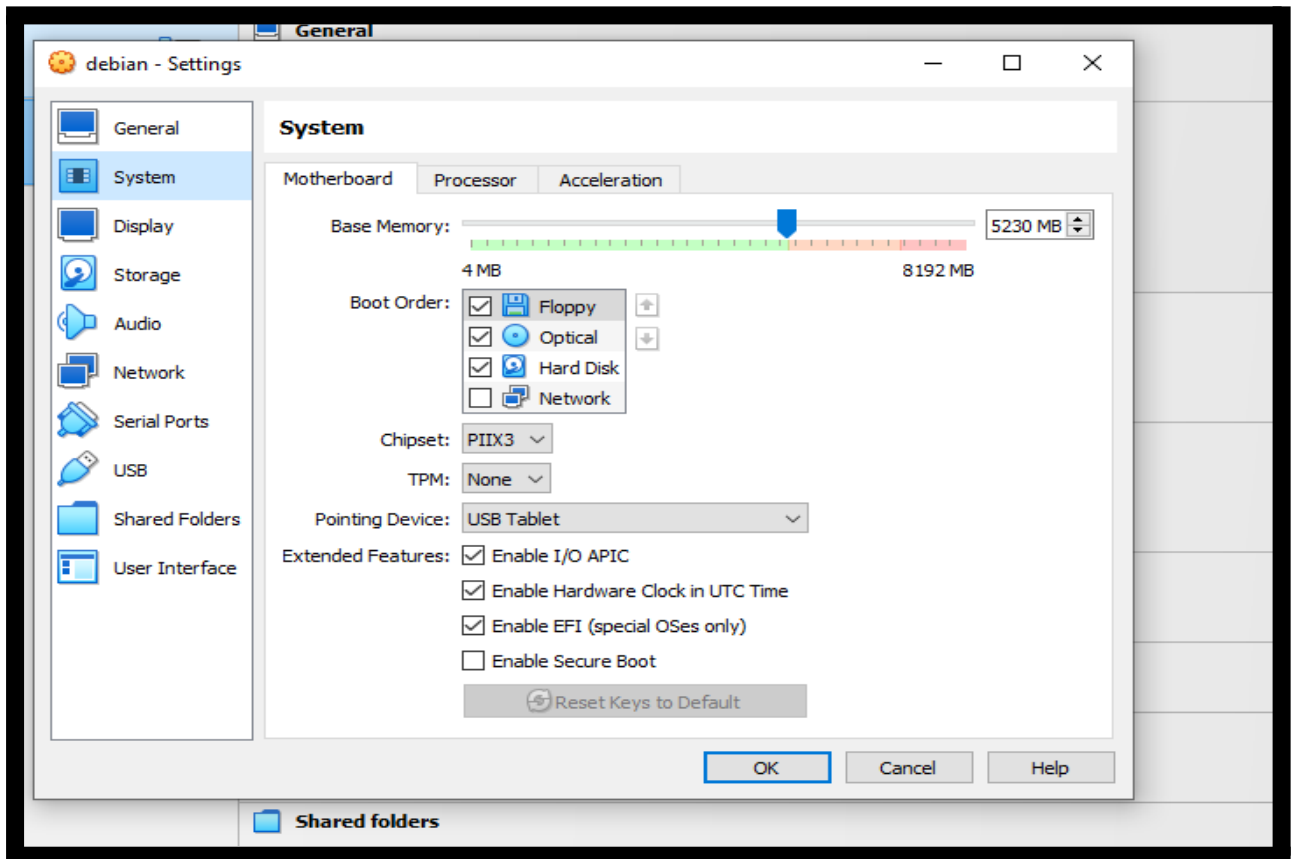
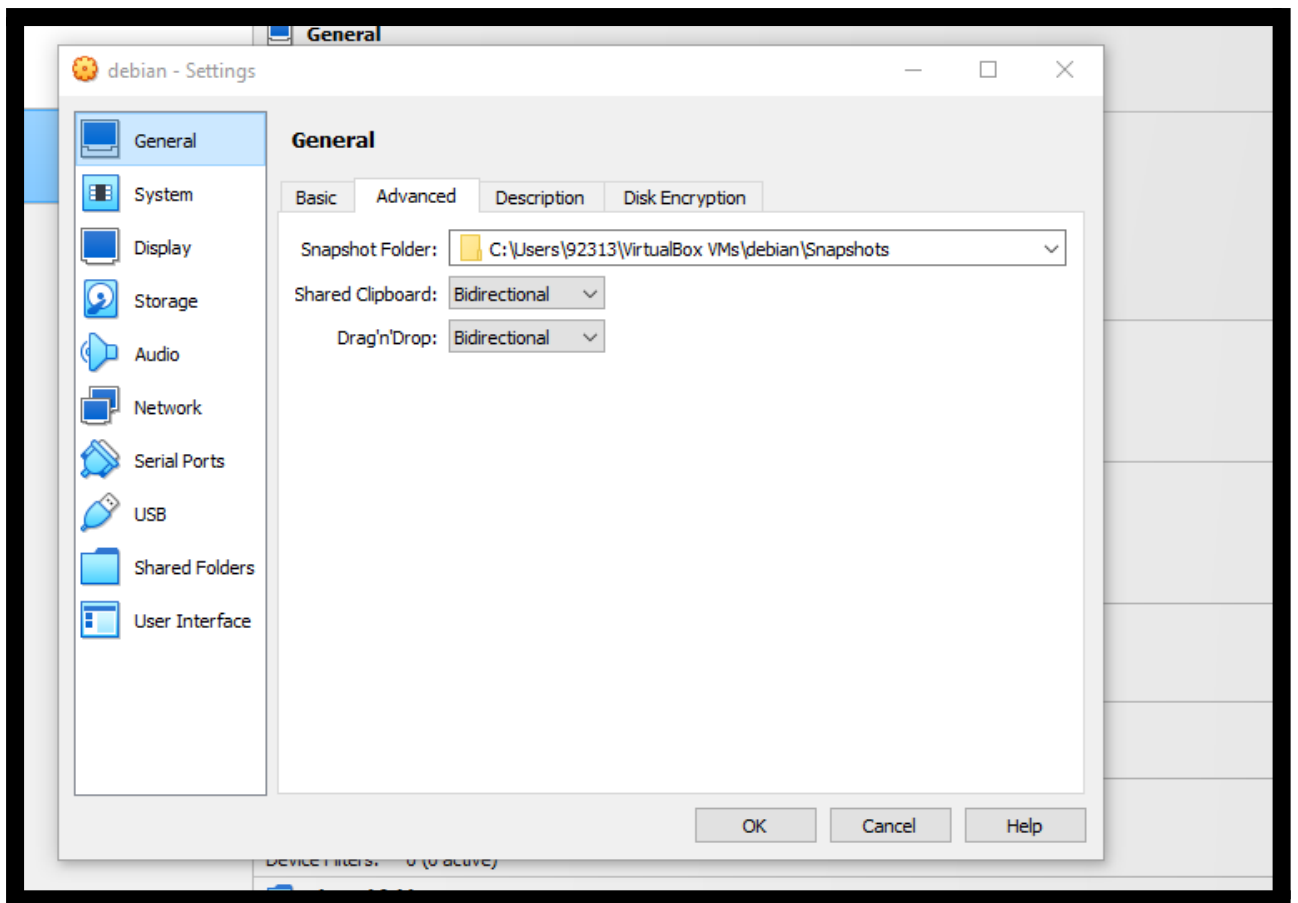
SIR MUHAMMAD SHAHZAD

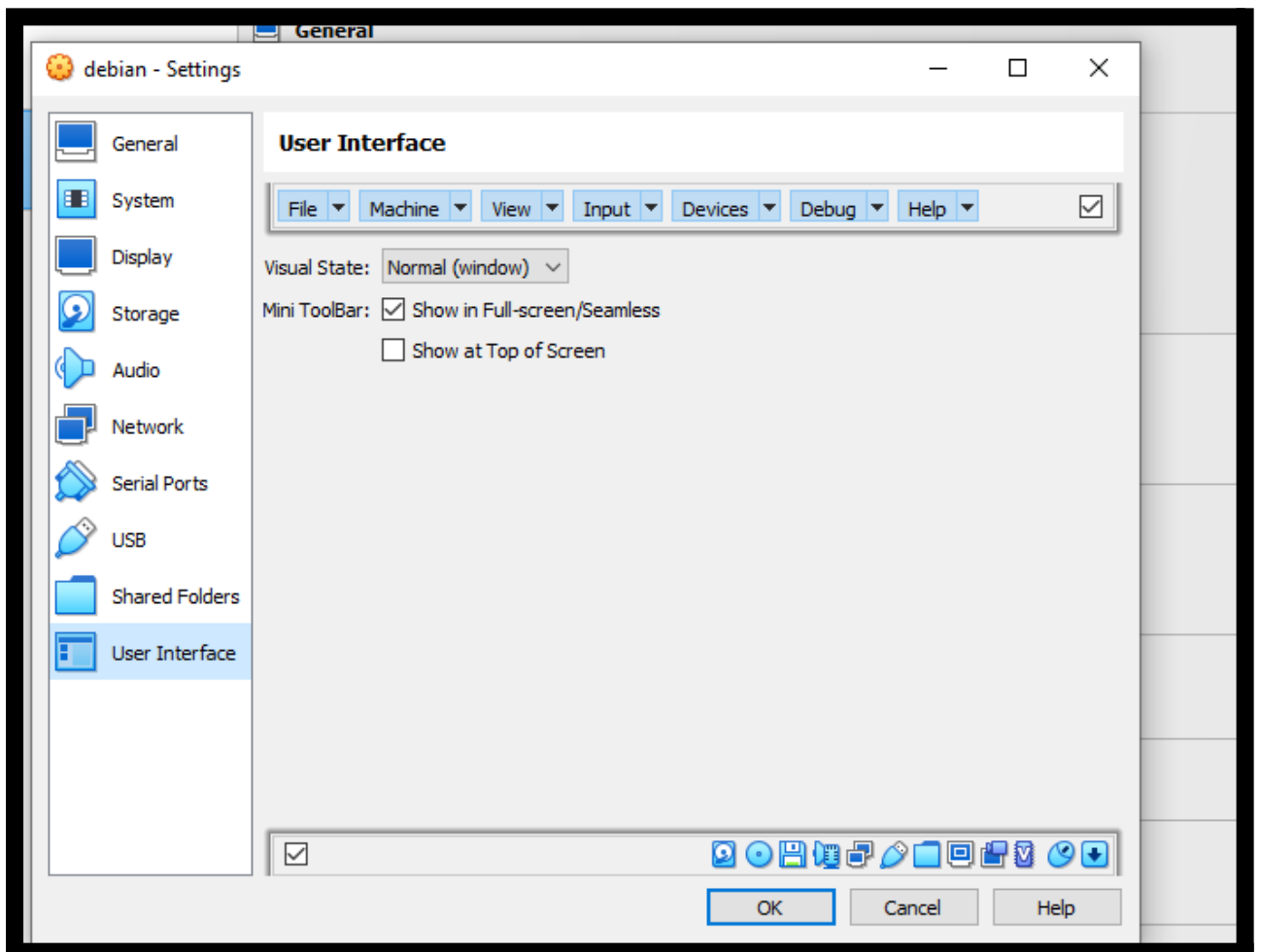
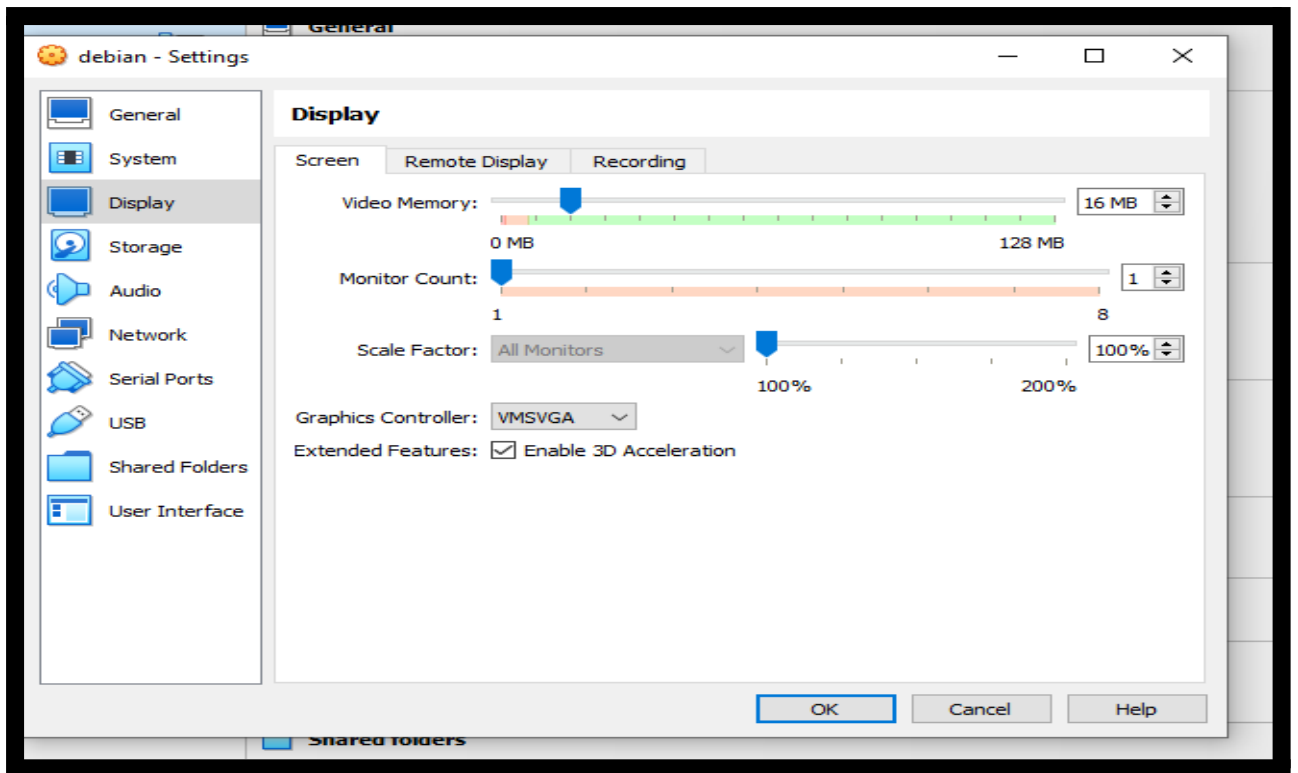
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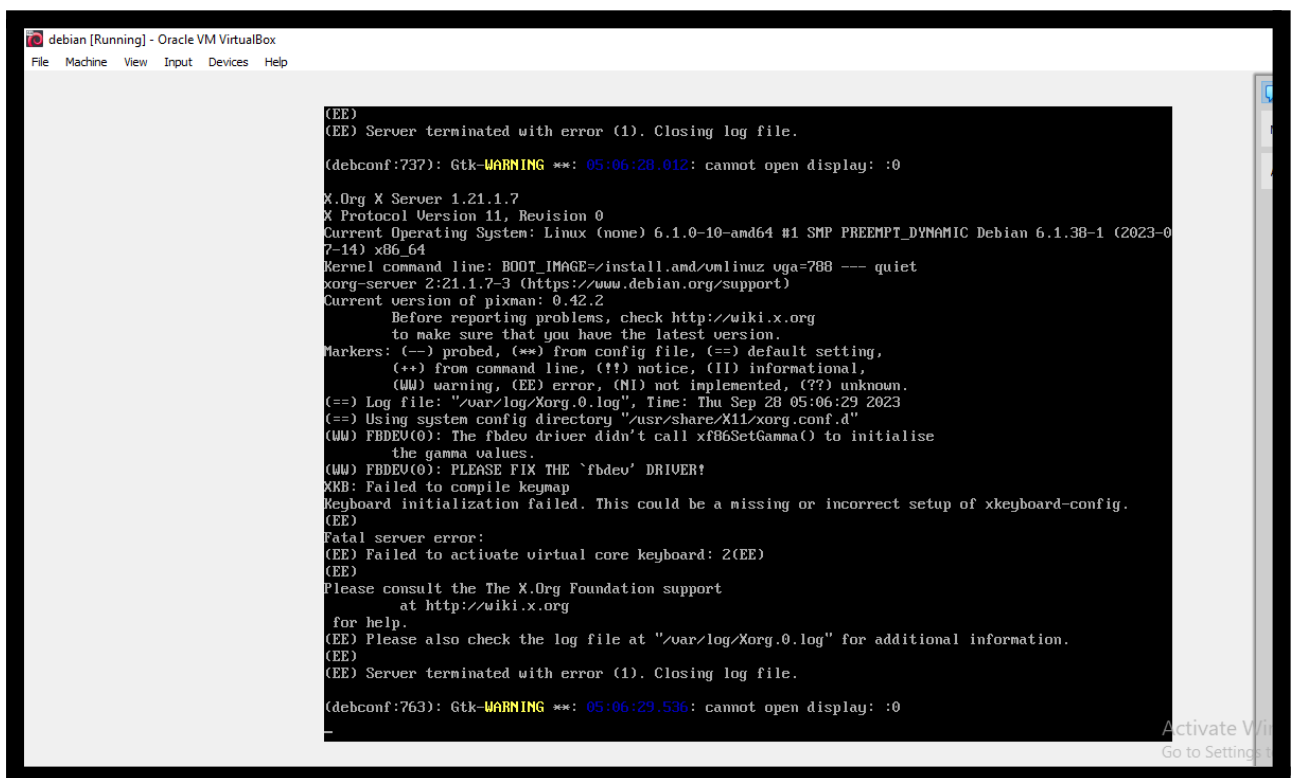
Tanzeela Asghar (2021-BSE-032)

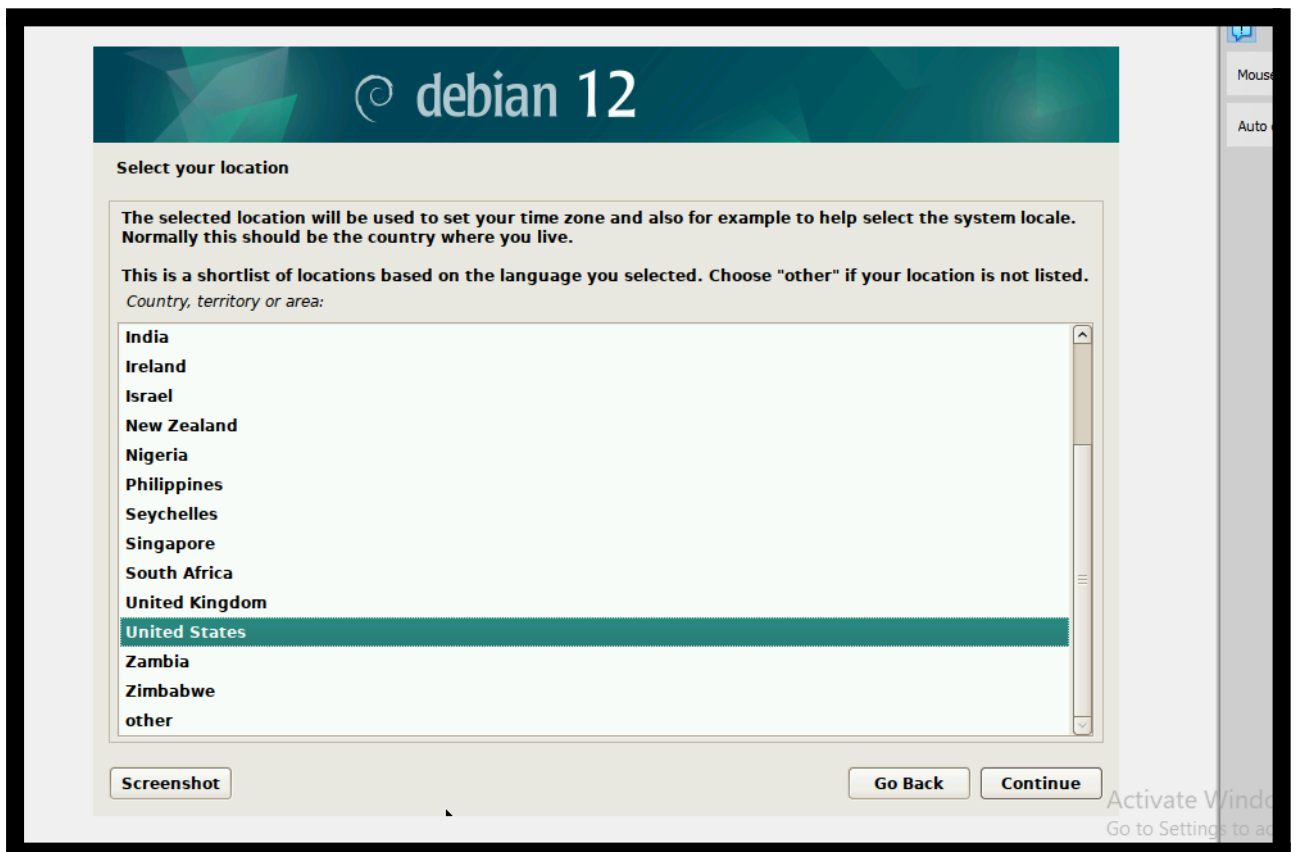
INSTALLATION OF DEBIAN:







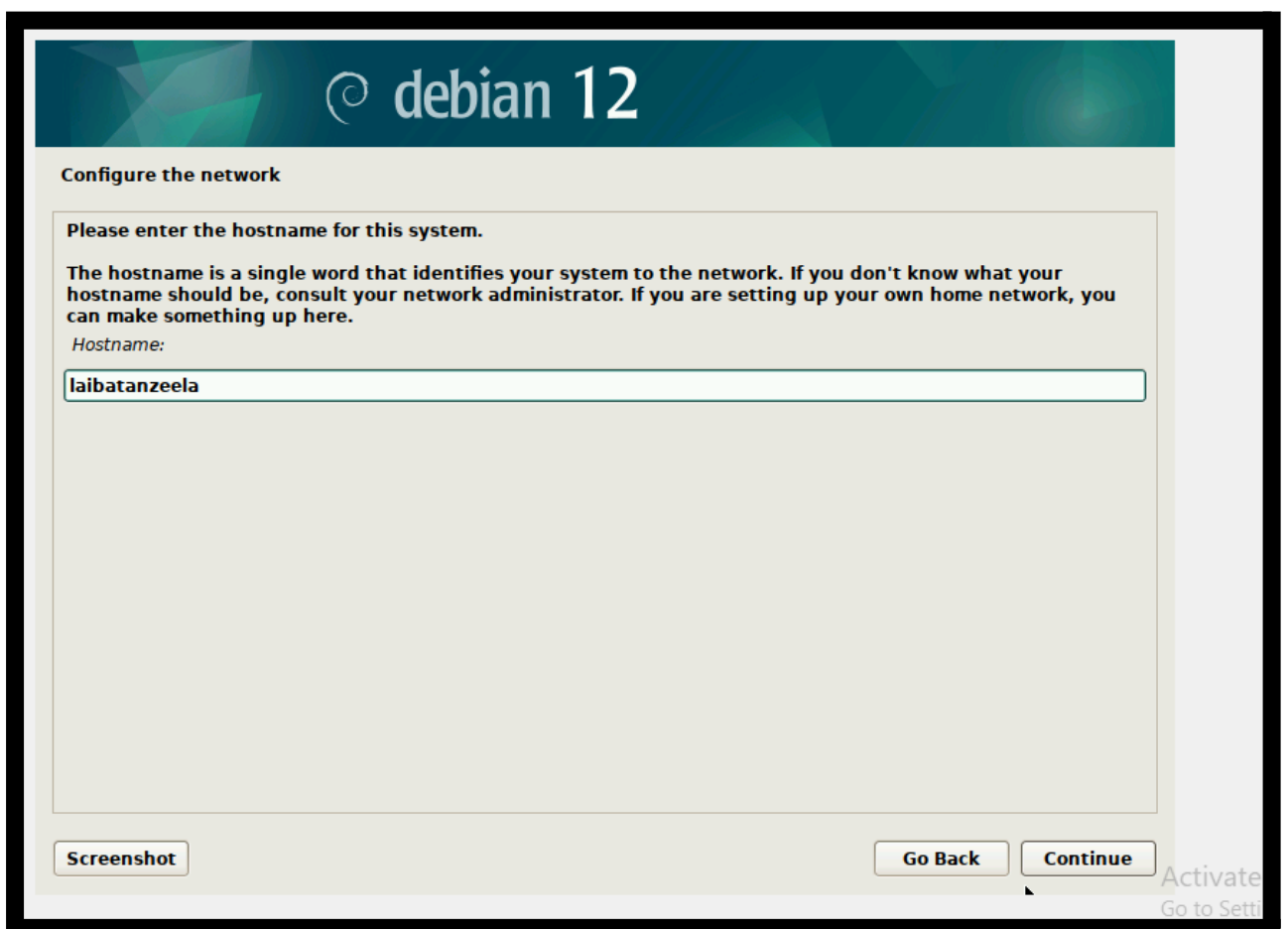


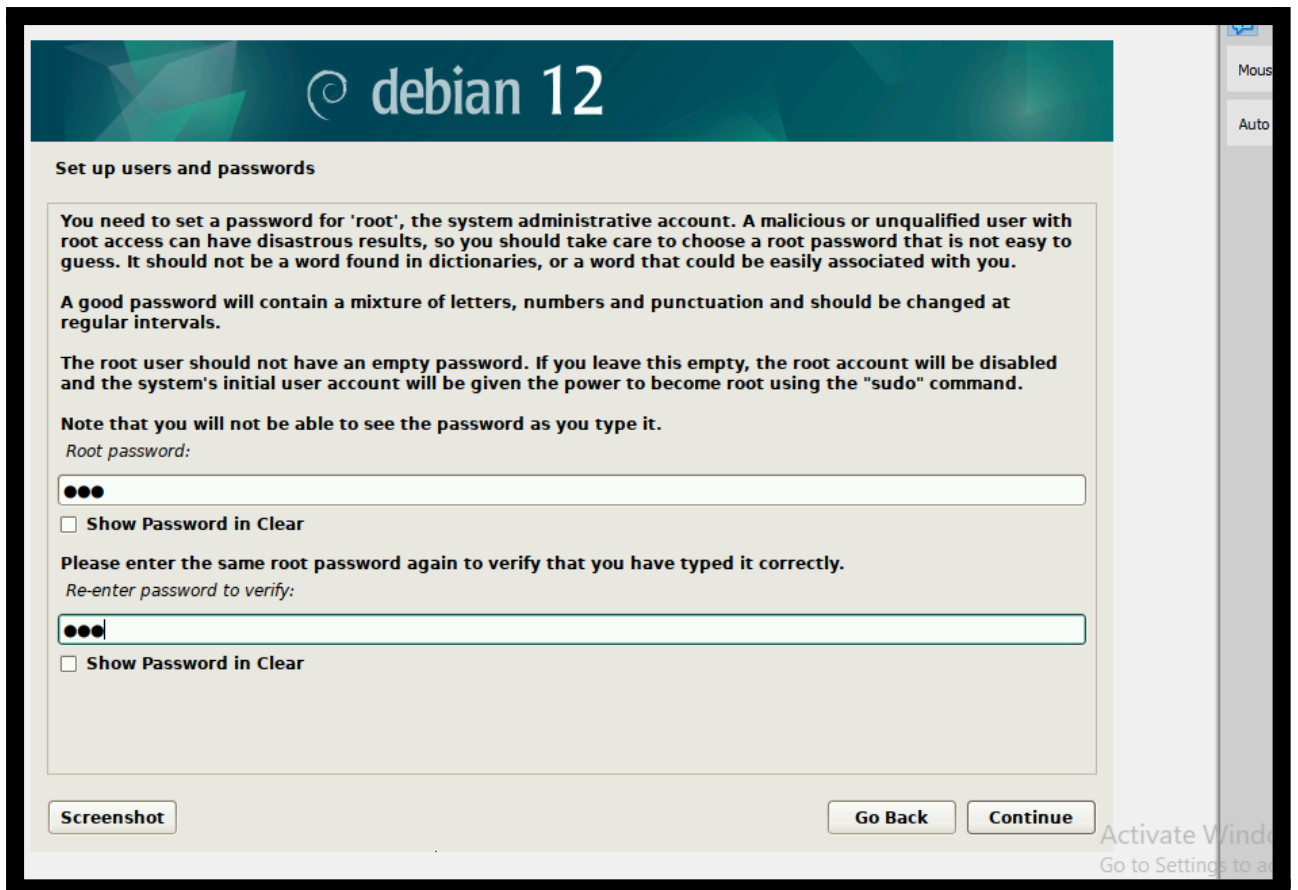


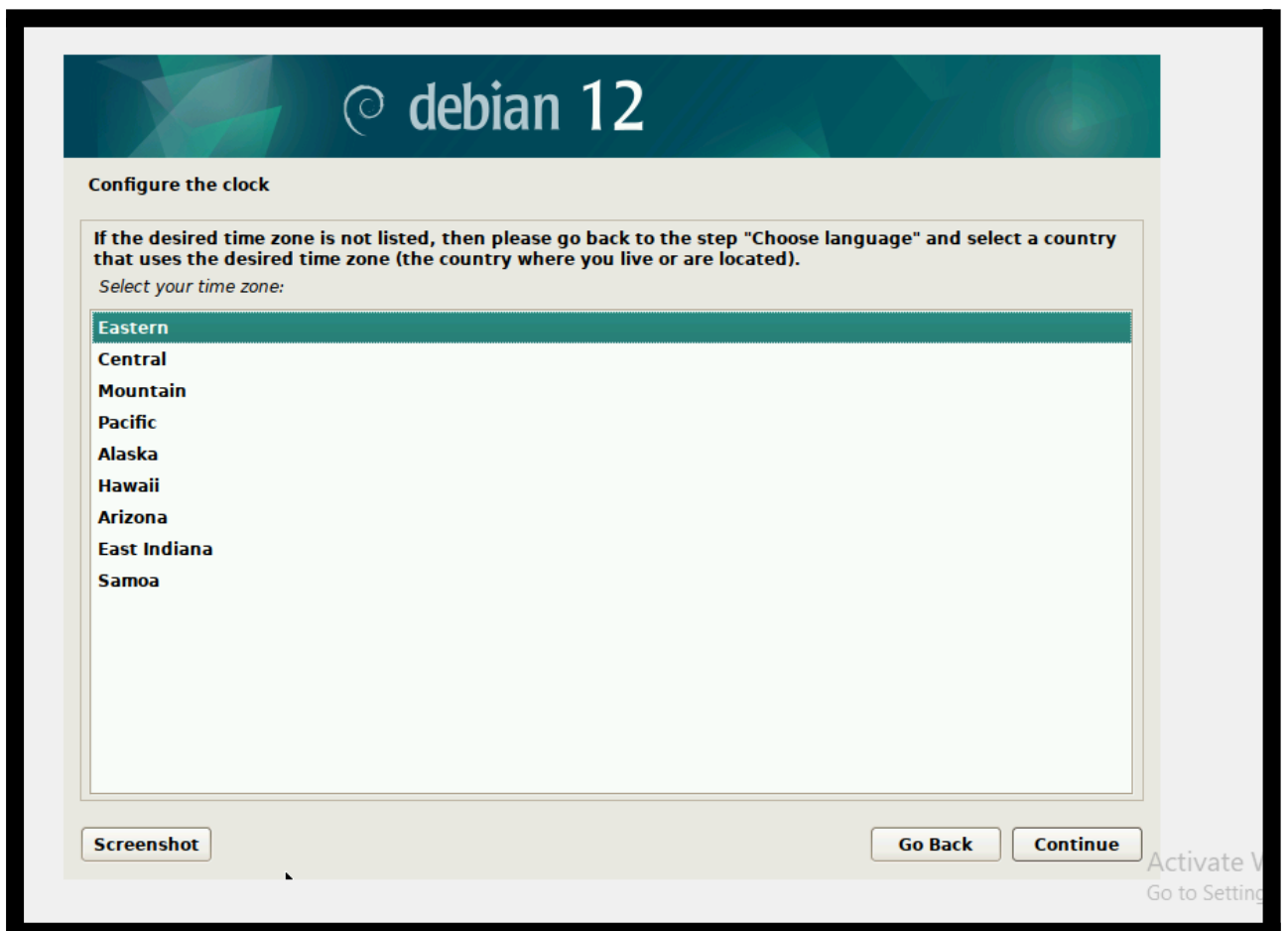
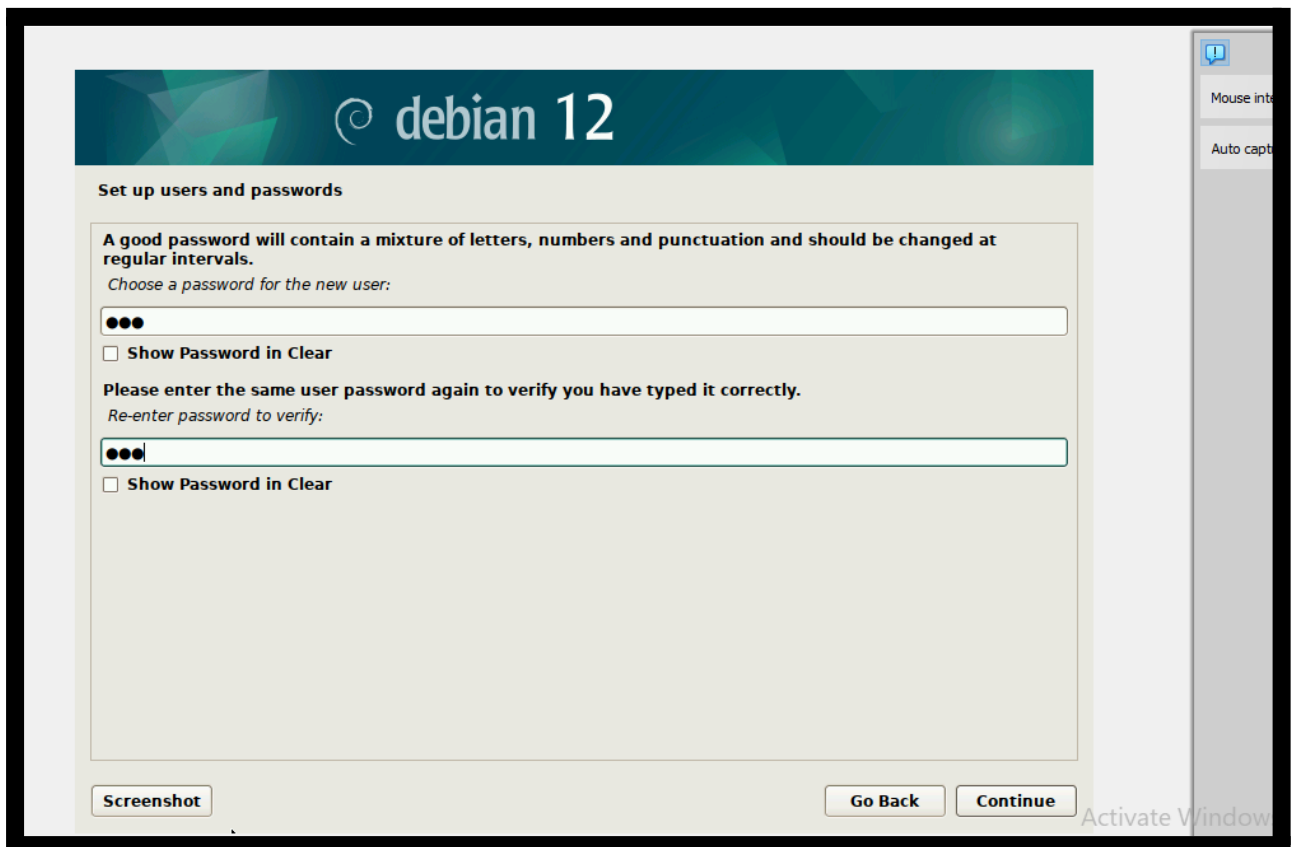
Configure the keyboard*Keymap to use:*

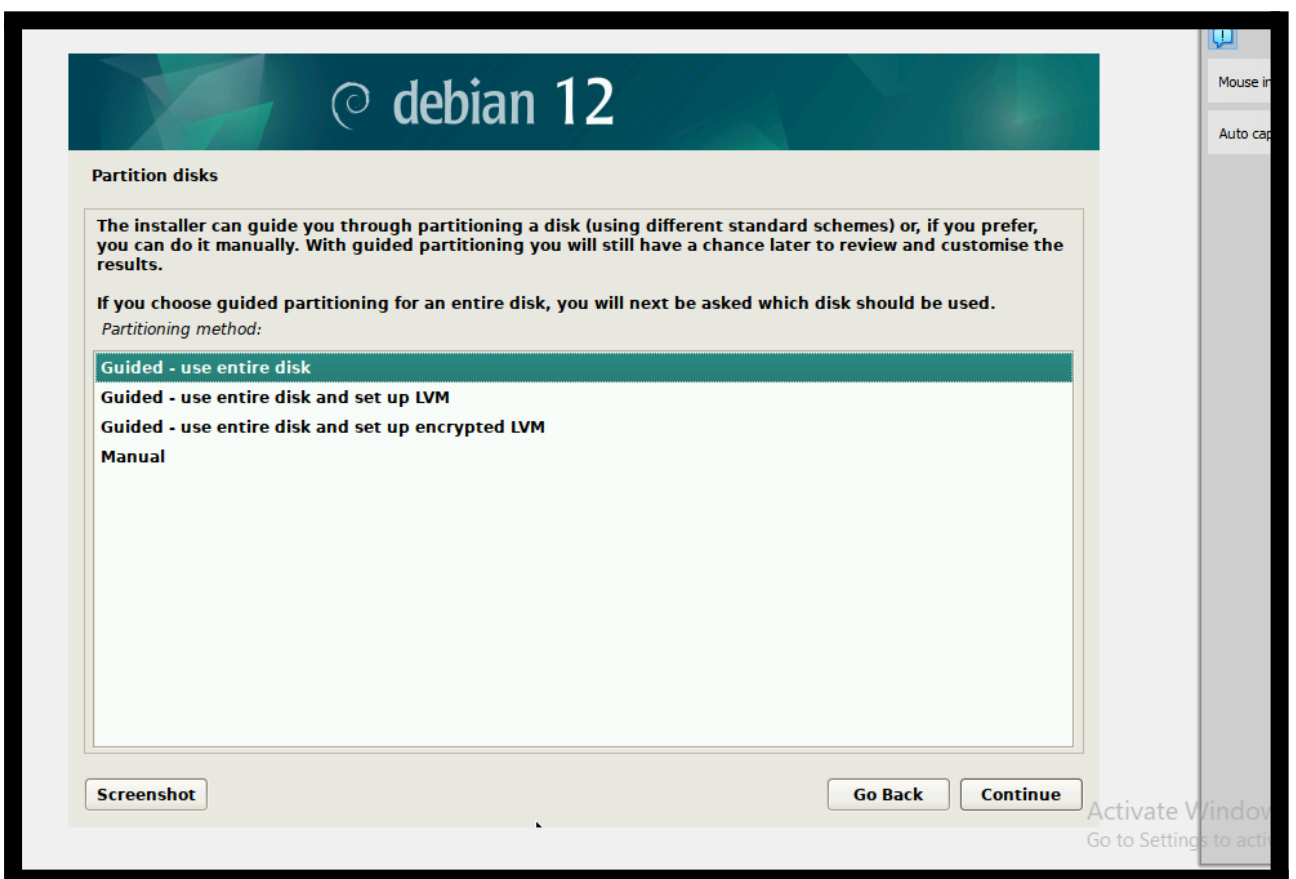
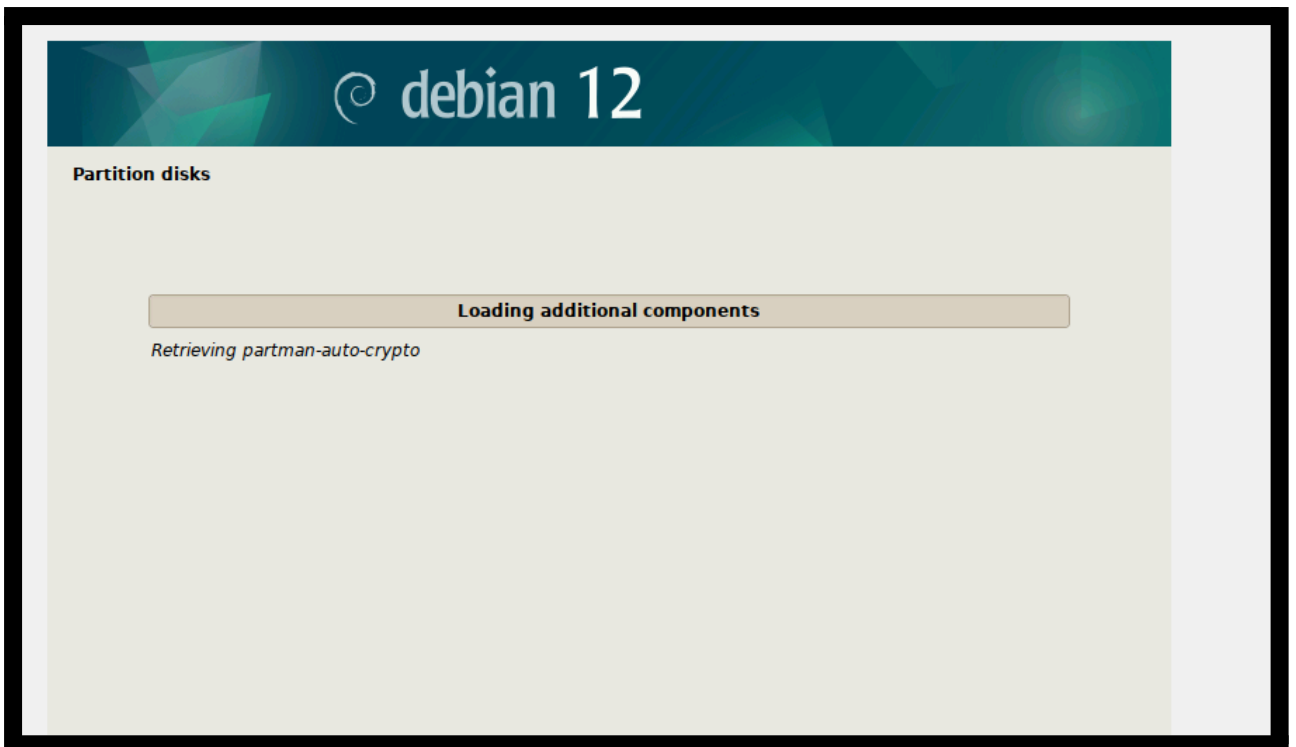
American English
Albanian
Arabic
Asturian
Bangladesh
Belarusian
Bengali
Belgian
Berber (Latin)
Bosnian
Brazilian
British English
Bulgarian (BDS layout)
Bulgarian (phonetic layout)
Burmese
Canadian French
Canadian Multilingual

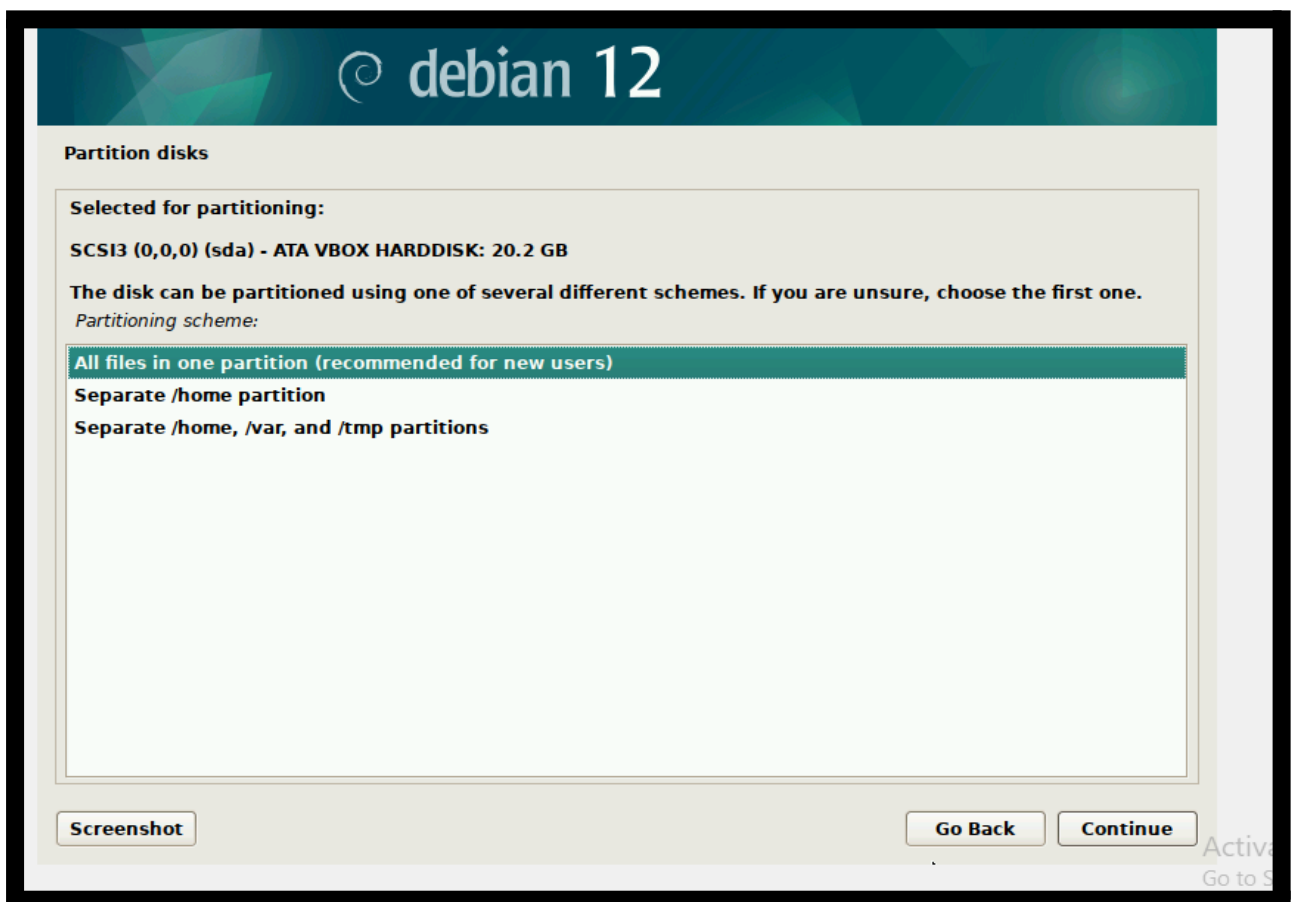
[Screenshot](#)[Go Back](#)[Continue](#)[Activate V](#)
[Go to Settings](#)**Load installer components from installation media****Loading additional components***Retrieving choose-mirror-bin*[Activate V](#)











Partition disks

This is an overview of your currently configured partitions and mount points. Select a partition to modify its settings (file system, mount point, etc.), a free space to create partitions, or a device to initialize its partition table.

Guided partitioning

Configure software RAID

Configure the Logical Volume Manager

Configure encrypted volumes

Configure iSCSI volumes

▽ SCSI3 (0,0,0) (sda) - 20.2 GB ATA VBOX HARDDISK

>	#1	primary	19.2 GB	f	ext4	/
>	#5	logical	1.0 GB	f	swap	swap

Undo changes to partitions

Finish partitioning and write changes to disk

Screenshot

Help

Go Back

Continue

Activate
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Partition disks

If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.

The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)

The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as ext4
partition #5 of SCSI3 (0,0,0) (sda) as swap

Write the changes to disks?

☐ No

☒ Yes

Screenshot

Continue

Act
Go to Settings



Install the base system

Installing the base system

Validating libkrb5-3...



Configure the package manager

Please select a Debian archive mirror. You should use a mirror in your country or region if you do not know which mirror has the best Internet connection to you.

Usually, `deb.debian.org` is a good choice.

Debian archive mirror:

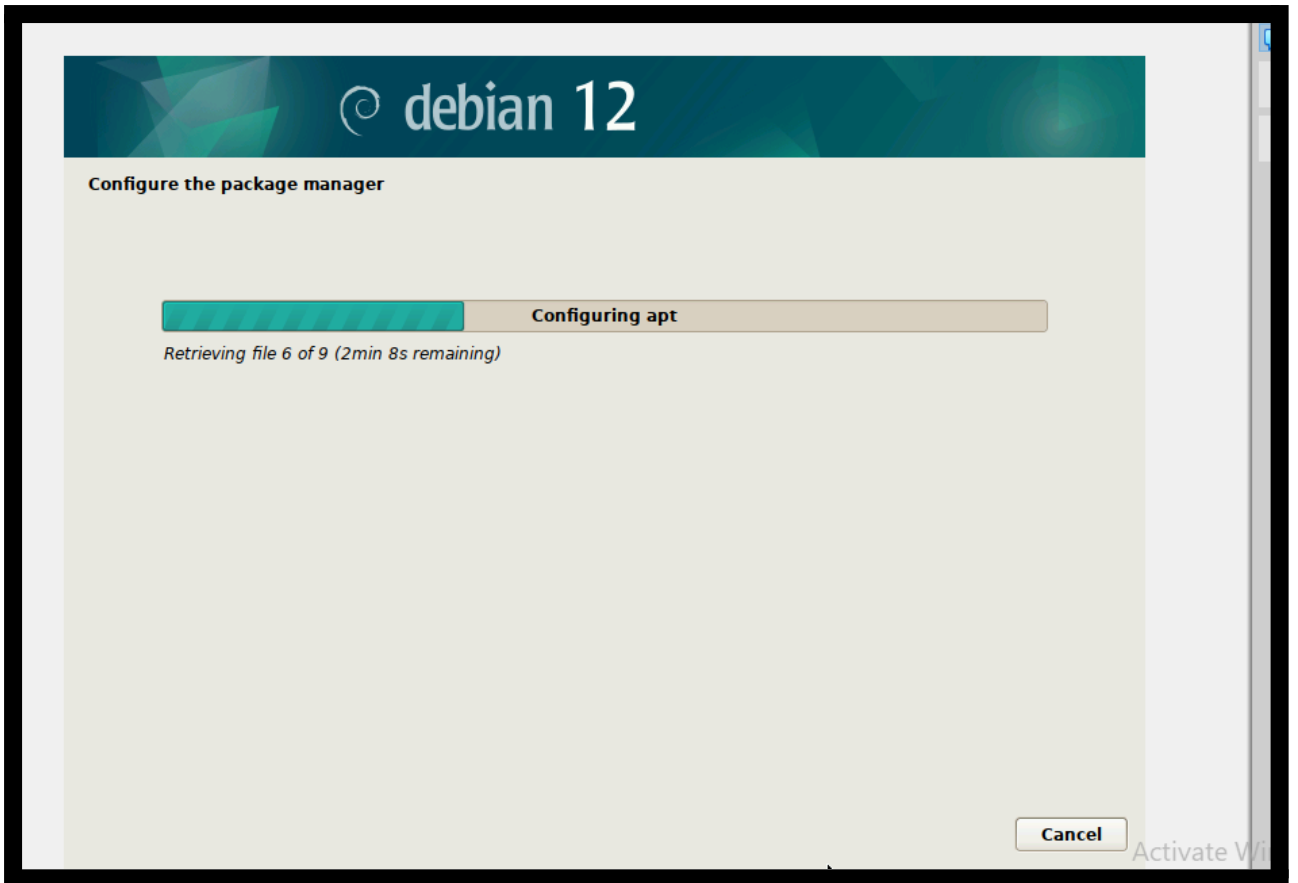
`deb.debian.org`
`ftp.us.debian.org`
`debian.csail.mit.edu`
`mirrors.lug.mtu.edu`
`debian.cc.lehigh.edu`
`mirror.us.oneandone.net`
`mirrors.bloomu.edu`
`mirrors.namecheap.com`
`mirrors.ocf.berkeley.edu`
`debian.mirror.constant.com`
`mirror.cogentco.com`
`mirror.us.leaseweb.net`
`mirrors.accretive-networks.net`
`debian.cs.binghamton.edu`

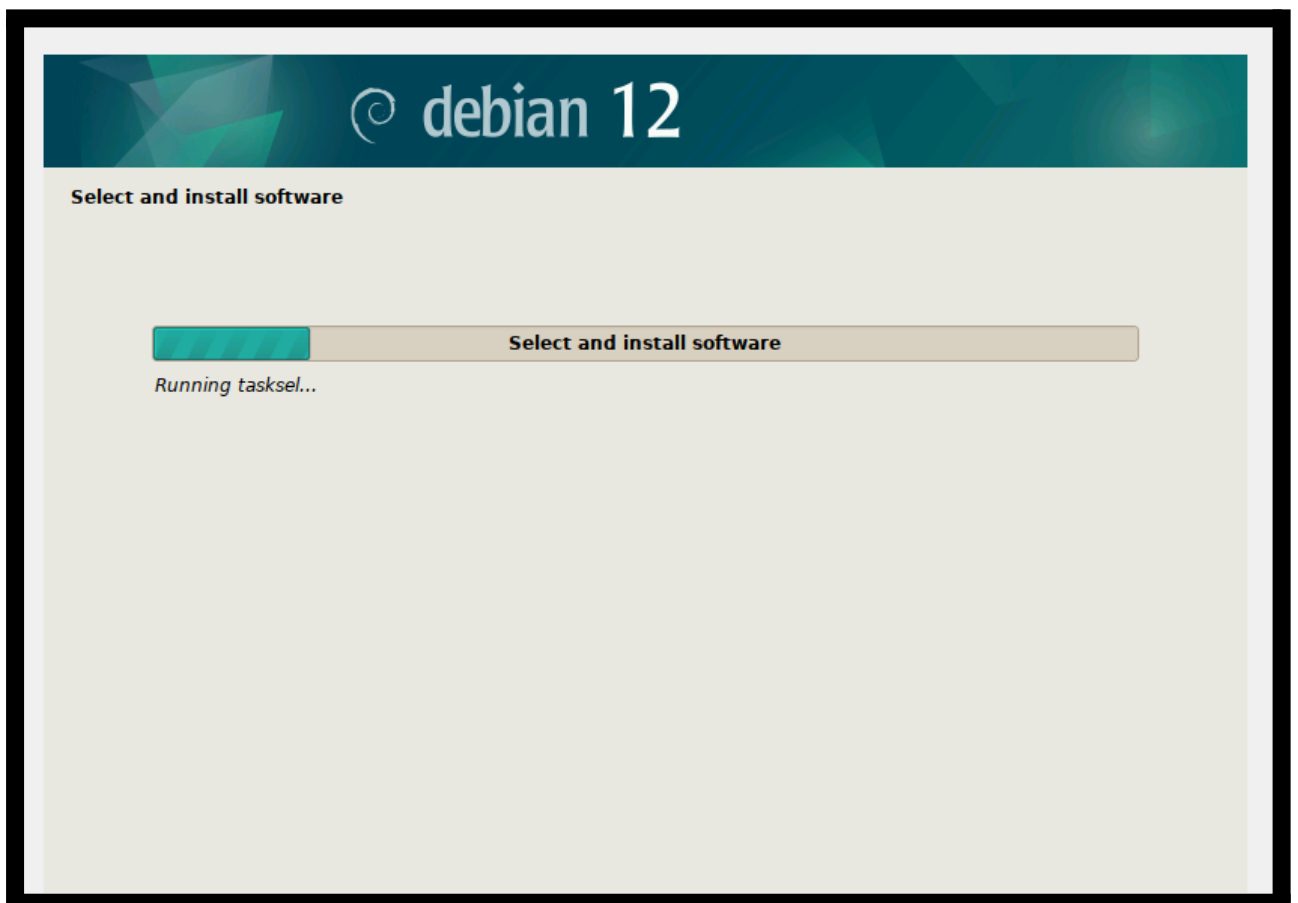
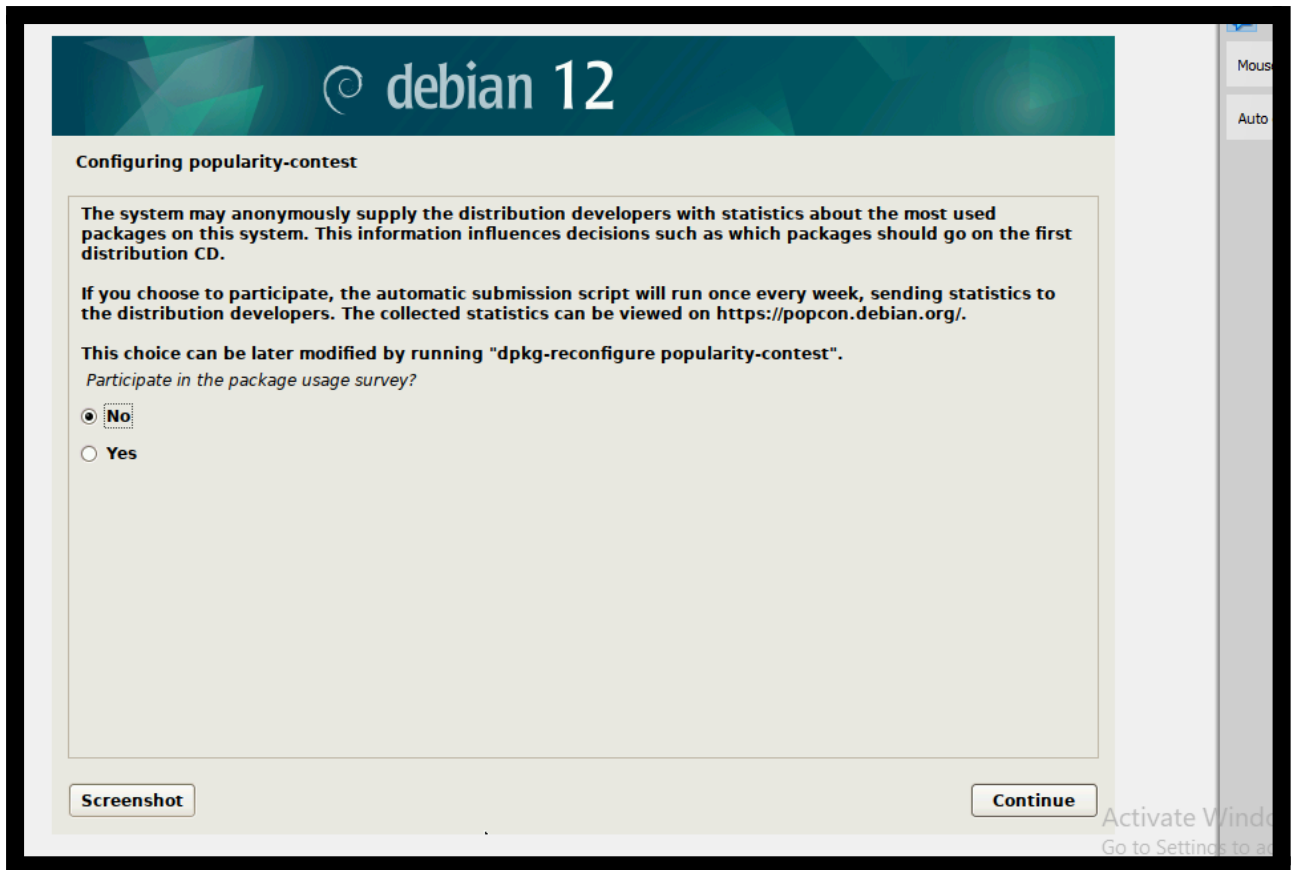
Screenshot

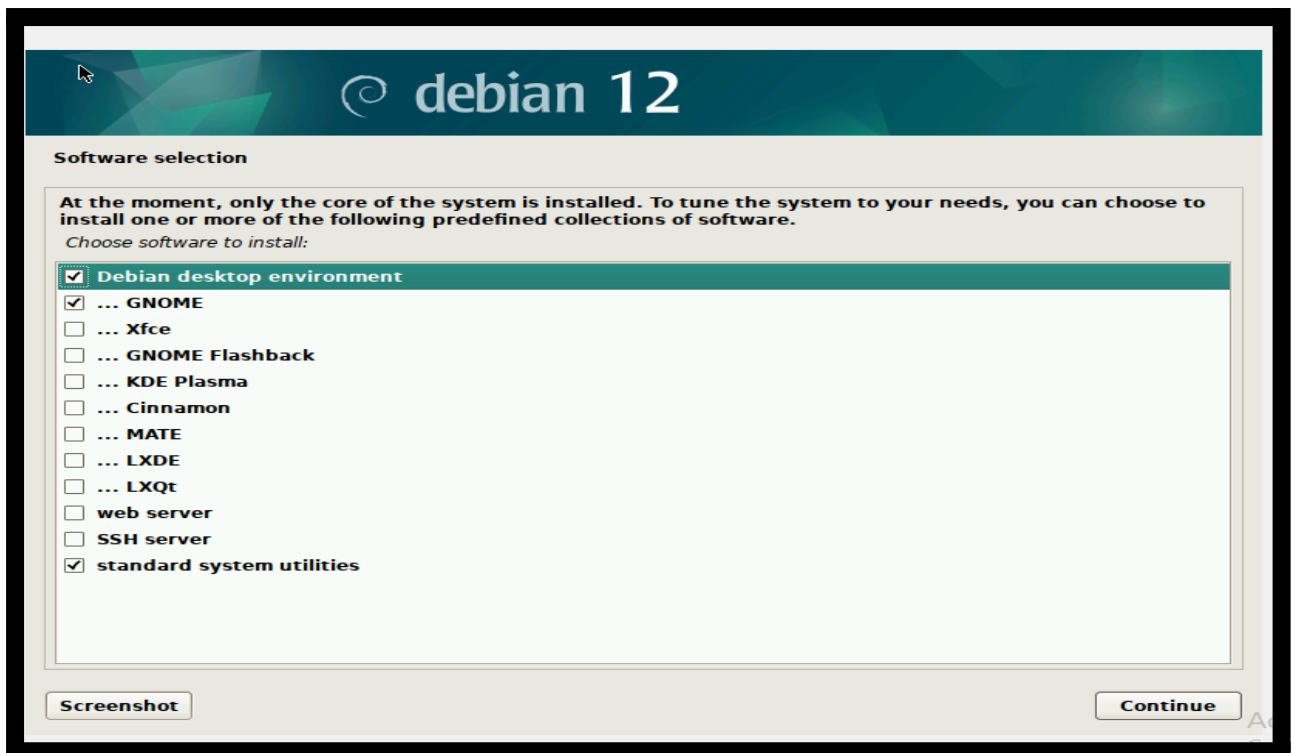
Go Back

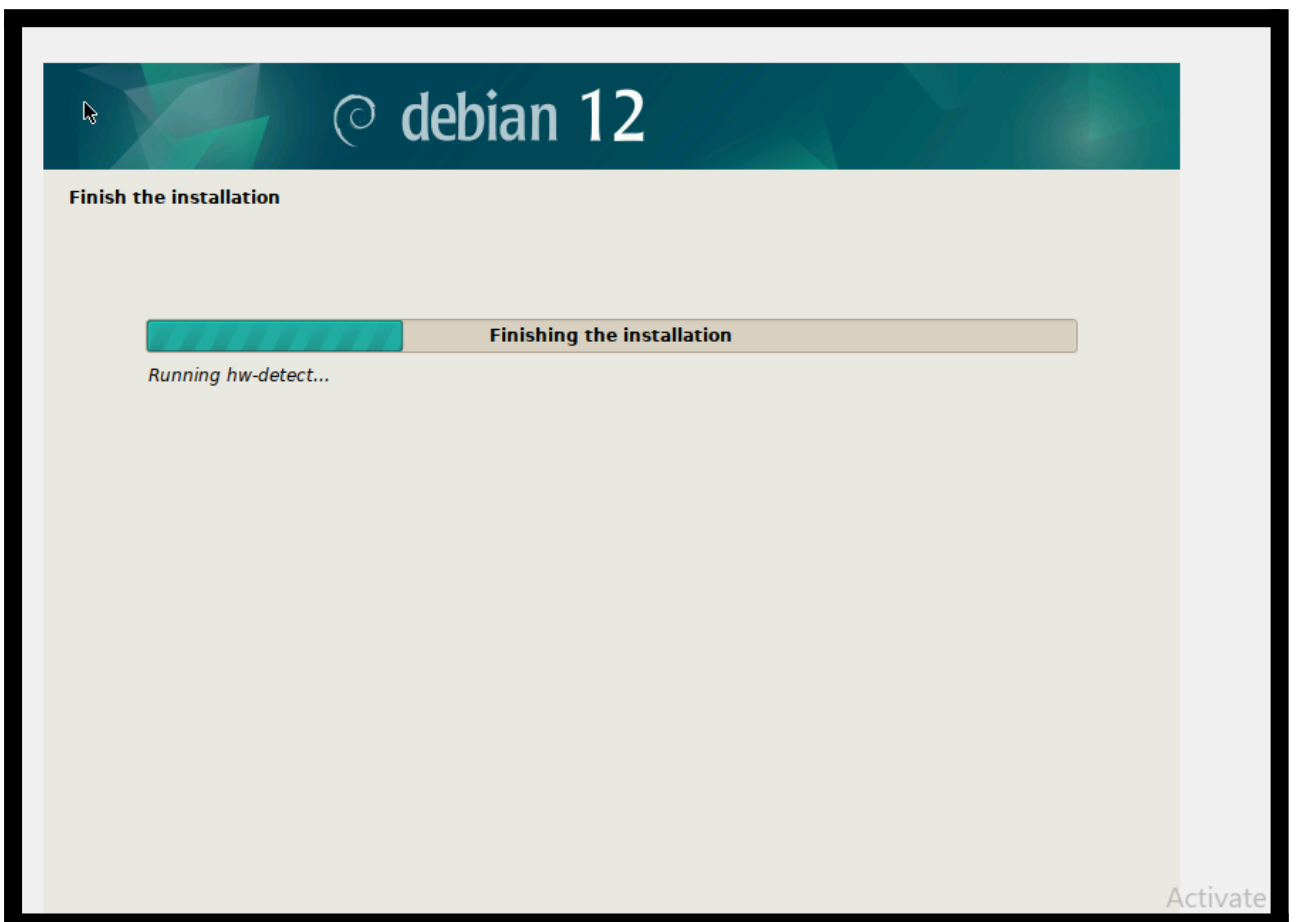
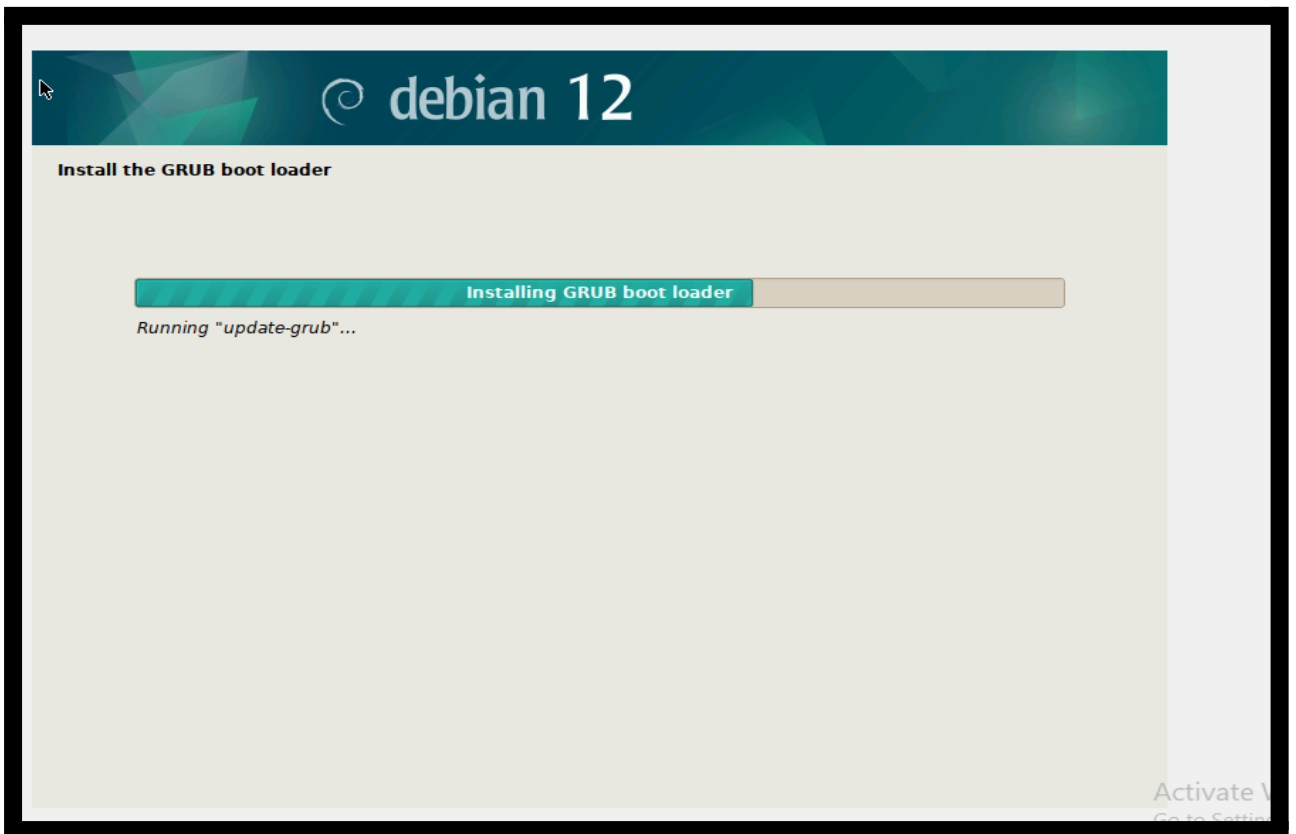
Continue

Activate
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Finish the installation



Installation complete

Installation is complete, so it is time to boot into your new system. Make sure to remove the installation media, so that you boot into the new system rather than restarting the installation.

Please choose <Continue> to reboot.

Screenshot

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Continue

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```
/dev/sda1: clean, 166267/1171456 files, 1409975/4679168 blocks
[ 6.238535] systemd[1]: Invalid DMI field header.
[ OK ] Finished plymouth-read-write.service - Tell Plymouth To Write Out Runtime Data.
[ OK ] Finished systemd-tmpfiles-setup.service - Create Volatile Files and Directories.
Starting systemd-timesyncd.service - Network Time Synchronization...
Starting systemd-update-utmp.service - Record System Boot/Shutdown in UTMP...
[ OK ] Finished systemd-update-utmp.service - Record System Boot/Shutdown in UTMP.
[ OK ] Started systemd-timesyncd.service - Network Time Synchronization.
[ OK ] Reached target time-set.target - System Time Set.
[ OK ] Started systemd-udevd.service - udev-based Manager for Device Events and Files.
Starting plymouth-start.service - Show Plymouth Boot Screen...
[ OK ] Started plymouth-start.service - Show Plymouth Boot Screen.
[ OK ] Started systemd-ask-password-plymouth.service - Ask Password Requests to Plymouth Directory Watch.
[ OK ] Reached target cryptsetup.target - Local Encrypted Volumes.
[ OK ] Found device dev-disk-by\x2duuid-7e3...2dea165b9f52a2.device - VBOX_HARDDISK 5.
Activating swap dev-disk-by\x2duuid-...uid/7e3cb99c-bc9b-46b7-86ae-ea165b9f52a2...
[ OK ] Activated swap dev-disk-by\x2duuid-7...y-uid/7e3cb99c-bc9b-46b7-86ae-ea165b9f52a2.
[ OK ] Reached target swap.target - Swaps.
Starting modprobe@dm_mod.service - Load Kernel Module dm_mod...
Starting modprobe@efi_pstore.service - Load Kernel Module efi_pstore...
Starting modprobe@loop.service - Load Kernel Module loop...
[ OK ] Finished modprobe@dm_mod.service - Load Kernel Module dm_mod.
[ OK ] Finished modprobe@efi_pstore.service - Load Kernel Module efi_pstore.
[ OK ] Finished modprobe@loop.service - Load Kernel Module loop.
```

Activate Wi
Go to Settings

